

REMARKS

The present application is a division of copending parent Application No. 09/557,316, filed on April 25, 2000. Claims 1-10, 12-22, and 24-43 are presented for examination. Claims 31-43 have been newly added. Claims 11 and 23 have been canceled without prejudice or disclaimer of subject matter. Claims 1, 2, 7-10, 12-15, 17, 18, and 24-43 are in independent form.

U.S. Patent 5,493,622 to Tsuchino et al. and U.S. Patent 5,712,538 to Vis et al. were cited during prosecution of the parent application.

Tsuchino et al., as understood by Applicant, relates to a radiation image processing method which increases and decreases a frequency region of the radiation image. Tsuchino et al. discusses a dynamic range compression of the original image, an expansion process, and the addition of a high frequency component.

Vis et al., as understood by Applicant, relates to a CRT display device having a filter in the cathode modulator. A phosphor screen in the display device is scanned by separate electron beams in order to generate images of different frequency content in one color in substantially the same part of the phosphor screen.

Nothing has been found in Tsuchino et al. or Vis et al., either separately or in combination (assuming such combination to be permissible), that would teach or suggest converting the magnitude of the amplitude of a high frequency component based on information concerning the magnitude of the high frequency component and information concerning a gradation conversion curve.

In addition, nothing has been found in Tsuchino et al. or Vis et al., either